optionally, at least one member of the group $c\phi$ nsisting of:

other elements up to 0.05 each, 0.15 total

Al balance

and having in an H-condition or in an O-condition a ratio of PS/UTS in the range of 0.4 to 0.9 and having good roll formability.

- 2. (Amended) A composite aluminium panel according to claim 1, wherein the corrugated aluminium stiffener sheet has a thickness in the range of up to 3.0 mm.
- 3. L(Amended) A composite aluminium panel according to claim 1, wherein the Zn content of the corrugated aluminium stiffener sheet is in the range of 0.4 to 1.2%.
- 4. (Amended) A composite aluminium panel according to claim 1, wherein the Zn content of the corrugated aluminium stiffener sheet is in the range of 3.0 to 4.5%.
- 5. A composite aluminium panel, wherein the corrugated aluminium stiffener sheet is made from an aluminium alloy rolled sheet of composition (in weight percent):

Cu up to 0.4 Ag

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up to 0.4

balance Aluminium and inevitable impurities, and

having in an H-condition or in an O-condition a ratio of PS/UTS in the range of 0.4 to 0.9 and having good roll formability.

- (Amended) A composite aluminium panel in accordance with claim 1, further comprising a cladding on at least one side of the surface of the corrugated sheet and the cladding is a member of the group consisting/of:
 - (i) the cladding is of a higher purity aluminium alloy than said rolled sheet;
 - (ii) the cladding is of the Aluminium Association AA1000 series;
 - (iii) the cladding is of the Aluminium Association AA6000 series;
 - (iv) the cladding is of the Aluminium Association AA4000 series; and
 - (v) the cladding is of the Aluminium Association AA7000 series.
- 7. (Amended) A composite aluminium panel in accordance with claim 1, wherein the two parallel plates and/or sheets have been secured to the corrugated aluminium stiffener sheet by means of welding.
- [Amended] A composite aluminium panel in accordance with claim 1, wherein at least one of the two parallel plates and/or sheets are within the same compositional window as the corrugated aluminium stiffener.
- 9. (Amended) A composite aluminium panel in accordance with claim 1, wherein a cladding of the AA4000/series aluminium alloy is present on at least one side of the surface of the corrugated aluminium stiffener sheet, and wherein at least one of the two parallel plates and/or sheets has been secured to the corrugated aluminium stiffener sheet by means of brazing.
- 10. (Amended) A method of use of an aluminium rolled product of composition (in weight percent):



1.5 - 6.0 Mg

Mn 0.3 - 1.4

Zn 0.4 - 5.0

Fe up to 0.5

Si up to 0.5

up to 0.30 Zr

optionally, one or more of

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Cr

0.05 - 0.30

Ti

Ø.01 - 0.20

V

0.05 - 0.25

Ag

0.05 - 0.40

Cu

up to 0.40

other elements up to 0.05 each, 0.15 total

Al balance

comprising a step selected from the group consisting of:

forming the aluminium rolled product into a corrugated aluminium stiffener sheet;

and

10 mashuas s s attaching the aluminium/rolled product as a parallel sheet or plate to a corrugated sheet of an aluminium alloy which is of the same or different composition as the parallel sheet and/or plate in a composite aluminium panel.

(Amended) A method of use of an aluminium rolled product of composition (in weight percent):

Mg 5.0 - 6.0

Mn 0.6 - 12

Zn 0.4 - 1.5

Zr 0.05 - 0.25

Cr up to 0.3

Ti up to 0.2

Fe up to 0.5

Si up to 0.5 Cu up to 0.4 up to 0.4

Ag

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balance Aluminium and inevitable impurities

comprising a step selected from the group consisting of:

forming the aluminium rolled product into a corrugated aluminium stiffener sheet;

and

attaching the aluminium rolled product as a parallel sheet or plate to a corrugated sheet of an aluminium alloy which is of the same or different composition as the parallel sheet and/or plate in a composite aluminium panel.

- 12. (Amended) A welded structure comprising at least one composite aluminium panel according to claim 1.
- 13. L(Amended) A composite aluminium panel according to claim 1 for ship building.
- 14. (Amended) A composite aluminium panel according to claim 1 for marine offshore construction.

Please add new Claims as follows.



- 15. A composite aluminium panel according to claim 1, wherein the corrugated aluminium stiffener sheet has a thickness in the range of 0.2 to 1.0 mm.
 - 16. A composite aluminium panel according to claim 5, wherein Zn is 0.4 - 0.9%.
- 17. A composite aluminium panel in accordance with claim 7, wherein the two parallel plates and/or sheets have been secured to the corrugated aluminium stiffener sheet by means of laser welding.



18. A method according to claim 11, wherein Zn is 0.4 - 0.9%.

19. A welded structure comprising at least one composite aluminium panel according to claim 5.